



DEFENSE INTELLIGENCE AGENCY  
WASHINGTON, D.C. 20301

JAN 18 1970

MC&G  
File: MC&G

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MEMORANDUM FOR CHAIRMAN, COMIREX

SUBJECT: USIB-COMIREX Activities Involving MC&G Matters - July to  
December 1969

1. In accordance with your request of 5 January 1970 this memorandum will briefly summarize USIB-COMIREX activities involving MC&G matters during the period 1 July 1969 thru 31 December 1969.

2. Major matters are set forth below:

a. Worldwide Positioning Requirements:

This involved obtaining COMIREX-USIB agreement for adding three additional Doppler Beacons to the remaining KH-4B missions.

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b. Requirements for KH-4B Coverage Outside the Sino Soviet:

This involved a detailed review of the problems created by gaps in the KH-4 coverage primarily as related to current medium scale DoD map-chart production and general MC&G support of tactical operations in contingency areas. Briefings were given to COMIREX, ICRS, and MC&G representatives. Specific attention was given to increasing the emphasis on MC&G collection outside the Sino Soviet for Mission 1108. NRO analysis indicated extensive effort required to complete gaps even in 1st priority MC&G production areas. Work on this problem is continuing.

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DIA and NRO review(s) completed.

GROUP 1 Excluded from Automatic Downgrading and Declassification

Secondary referral  
to NGA/NIMA by  
DIA,

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d. Satellite Photo Coverage in Bad Weather Areas:

Briefing was given by NRO identifying the problems of obtaining KH-4 coverage in the bad weather Tropical Belt. A DoD review of rejected coverage indicated some use at small scale but unsatisfactory for medium scale production. No change was made in acceptance criteria except to modify the minimum sun angle to provide for photographing when there was enough light.

3. Minor matters are set forth below:

a. Updating 3" DISIC Requirements:

Requirements for 3" DISIC coverage were adjusted to conform to high priority map-chart medium scale production areas. These requirement areas are expected to be expanded in the near future.

b. Orientation for COMIREX Briefing Staff:

An orientation briefing involving the planning and application of satellite photography to DoD mapping, charting and geodesy was given to Chairman and Executive Secretary of COMIREX.

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e. MC&G Application of Satellite Color Photography:

Briefing was given by NPIC and CIA representatives as to the potential of satellite color photography. Studies for application to MC&G are continuing.

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f. Sand Glare Problem on KH-4 Photos of Africa:

Review of the KH-4 coverage over the desert regions of Africa was made and the conclusion reached that a major portion of such coverage that was considered unsatisfactory because of glare could be used by exercising special care in processing.

g. Planning USIB-COMIREX Activities for Fiscal Year 1970:

Memo was forwarded to Chairman COMIREX on 22 August 1969 (MCGWG-D-16) which identified planning for USIB-COMIREX activities involving MC&G matters.

4. For balance of Fiscal Year 1970 action is planned on remaining matters identified in my memo of 22 August 1969 referred to in paragraph 3.g. above; however, some of the matters such as the major matter involving all weather MC&G requirements will extend beyond 1 July 1970.

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Chairman  
COMIREX MC&G Working Group

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